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PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/039308
	Filing Date	November 7, 2001
	First Named Inventor	Brig B. Elliott
	Art Unit	2684
	Examiner Name	T. Gesesse
Total Number of Pages in This Submission	Attorney Docket Number	BBNT-P01-144

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (2 pages)  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Supplemental IDS Form SB/08 (2 pages) References (A1-A44, B1, C1-C6) Return Receipt Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	ROPES & GRAY LLP		
Signature			
Printed name	Edward A. Gordon		
Date	December 7, 2004	Reg. No.	54,130

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Dated: 12-7-04

Signature: (Dawn Class)



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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

## Complete if Known

Application Number 10/039308  
Filing Date November 7, 2004  
First Named Inventor Brig B. Elliott  
Examiner Name T. Gesesse  
Art Unit 2684  
Attorney Docket No. BBNT-P01-144

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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

18-1945

Deposit Account Name

Ropes & Gray LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

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## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	x	=
Multiple Dependent	** =	x	=

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

Name (Print/Type) Edward A. Gordon  
Registration No. (Attorney/Agent) 54,130  
Telephone (617) 951-7066  
Signature   
Date December 7, 2004

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Dated: 12-7-04

Signature: Dawn Class (Dawn Class)



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Application No. (if known): 10/039308

Attorney Docket No.: BBNT-P01-144

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IDS Form SB/08 (2 pages)



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Dated: 12-7-04

Signature:

*Dawn Class*  
(Dawn Class)

Docket No.: BBNT-P01-144  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Elliott et al.

Application No.: 10/039308

Filed: November 7, 2001

For: SELF-ORGANIZING WIRELESS  
NETWORKS WITH MULTIPLE  
TRANSCEIVERS

Confirmation No.: 2133

Art Unit: 2684

Examiner: T. Gesesse

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

Those documents which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 were previously cited by or submitted to the Office in prior

9597265-1

12/10/2004 NROCHA1 00000011 181945 10039308  
01 FC:1806 180.00 DA



application numbers 09/513757, filed February 25, 2000; 09/584973, filed June 1, 2000; 09/624635, filed July 24, 2000; 09/660521, filed September 12, 2000; and 08/584492, filed January 11, 1996 and relied upon in this application for an earlier filing date under 35 U.S.C. 120. Office Actions may have issued in one or more of these applications.

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

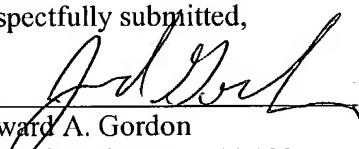
It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 18-1945, under Order No. BBNT-P01-144 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-144.

Dated: December 7, 2004

Respectfully submitted,

By

  
Edward A. Gordon

Registration No.: 54,130

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Attorneys/Agents For Applicant



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Substitute for form 1449A/B/PTO  <b>SUPPLEMENTAL          INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/039308
Sheet <b>1</b> of <b>2</b>		Filing Date	November 2001
		First Named Inventor	Brig B. Elliott
		Art Unit	2684
		Examiner Name	T. Gesse
		Attorney Docket Number	BBNT-P01-144

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	**A1	4,152,647	May-1979	Gladden et al.	
	**A2	4,284,848	Aug-1981	Frost	
	**A3	4,409,687	Oct-1983	Berti et al.	
	**A4	4,613,990	Sep-1986	Halpern	
	**A5	4,718,002	Jan-1988	Carr	
	**A6	4,864,559	Sep-1989	Perlman	
	**A7	4,941,200	Jul-1991	Leslie et al.	
	**A8	4,999,833	Mar-1991	Lee	
	**A9	5,034,967	Jul-1991	Cox et al.	
	**A10	5,050,189	Sept-1991	Cox et al.	
	**A11	5,093,824	Mar-1992	Coan et al.	
	**A12	5,155,859	Oct-1992	Harris et al.	
	**A13	5,218,356	Jun-1993	Knapp	
	**A14	5,243,592	Sep-1993	Parlman et al.	
	**A15	5,303,286	Apr-1994	Wiedeman	
	**A16	5,307,509	Apr-1994	Michalon et al.	
	**A17	5,361,399	Nov-1994	Linguist et al.	
	**A18	5,363,375	Nov-1994	Chuang et al.	
	**A19	5,371,734	Dec-1994	Fischer	
	**A20	5,491,837	Feb-1996	Jacobus Haartsen	
	**A21	5,497,368	Mar-1996	Reijnierse	
	**A22	5,551,056	Aug-1996	Koponen et al.	
	**A23	5,652,751	Jul-1997	Sharony	
	**A24	5,850,592	Dec-1998	Ramanathan	
	**A25	5,881,246	Mar-1999	Crawley et al.	
	**A26	5,913,921	Jun-1999	Tosey et al.	
	**A27	5,966,668	Oct-1999	Lindroth	
	**A28	6,026,077	Feb-2000	Iwata	
	**A29	6,028,857	Feb-2000	Poor	
	**A30	6,046,978	Apr-2000	Melnik	
	**A31	6,049,720	Apr-2000	Rude	
	**A32	6,115,580	Sept-2000	Chuprun	
	**A33	6,205,117	Mar-2001	Doshi et al.	
	**A34	6,304,556	Oct-2001	Haas	
	**A35	6,304,745	Oct-2001	Monch	
	**A36	6,307,843	Oct-2001	Kazuhiro Okanou	
	**A37	6,317,436	Nov-2001	Young et al.	
	**A38	6,349,091	Feb-2002	Chris Cho-Pin Li	
	**A39	6,430,150	Aug-2002	Azuma et al.	
	**A40	6,456,599	Sept-2002	Brig Barnum Elliott	
	**A41	6,512,935	Jan-2003	Jason Keith Redi	
	**A42	6,662,229	Dec-2003	Passman et al.	
	**A43	6,735,448	May-2004	Krishnamurthy et al.	
	**A44	6,744,740	Jun-2004	Priscilla Chen	



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/039308
				Filing Date	November 7, 2004
				First Named Inventor	Brig B. Elliott
				Art Unit	2684
				Examiner Name	T. Gesesse
				Attorney Docket Number	BBNT-P01-144
Sheet	2	of	2		

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	**B1	WO 94/29986	Dec-1994			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	**C1	Aceves et al., "Analysis of Routing Strategies for Packet Radio Networks," Proc. Of the IEEE INFOCOM, pp. 292-302, 1985.	
	**C2	Hahn et al., "Packet Radio Network Routing Algorithms," A. Survey, 22(11):41-47, 1984.	
	**C3	Jubin et al., "The DARPA Packet Radio Network Protocols," Proc. Of the IEEE, 75(1):21-32, 1987.	
	**C4	Kahn, "The Organization of Computer Resources into a Packet Radio Network," IEEE Trans. On Communication, vol. COM-25(1):169-178, 1977.	
	**C5	Lauer, Gregory, "Packet Radio Routing," Routing in Communication Networks, Ch. 11, Martha Steenstrup, Prentice Hall, 1995.	
	**C6	Moy, John, "Link-State Routing," Routing in Communication Networks, Ch. 5, Martha Steenstrup, Prentice Hall, 1995.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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